

ABSTRACT:

The present invention relates to a data processing method, which data are included in an incoming digital image. This method comprises a calculation step (ACT) of a spatial activity value of a current pixel based on values (Y) of said current pixel and pixels adjacent thereto, a determination step (NND) of a non-natural uniform area (NN) if the
5 spatial activity value of various consecutive pixels is lower than a first predetermined threshold value. The invention also includes a gradient filter step (GF) of values (Y) of the pixels adapted to detect (THR1) strong edges (SE) inside the image and a detection step (RD) of a ringing artifact. The invention finally comprises a filter step (FIL) of values (Y) of the pixels comprised in a filtering area which is located between a non-natural uniform area (NN)
10 and a strong edge (SE) which are close together and where at least a ringing artifact has been detected.

Fig. 1